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› NEEWER CB200B PRO LED Video Light Instruction Manual

NEEWER CB200B PRO

NEEWER CB200B PRO LED Video Light Instruction Manual

INTRODUCTION

Thank you for purchasing the NEEWER CB200B PRO LED Video Light. This professional-grade COB LED light offers high brightness, excellent color rendering, and versatile control options for various photography and videography applications. Please read this manual thoroughly before use to ensure proper operation and to maximize the product's performance and lifespan.

SAFETY INFORMATION

- Do not look directly into the light source when the light is on.
- Keep the device dry. Do not handle with wet hands.
- Ensure the light is securely mounted on a stable light stand before operation.
- Do not block the ventilation openings to prevent overheating.
- Use only the provided power adapter and cable.
- Keep out of reach of children and pets.
- Disconnect power before cleaning or maintenance.

PACKAGE CONTENTS

パッケージ内容



1 x CB200B PRO LEDビデオライト



1 x 標準リフレクター



1 x 電源ケーブル



1 x 保護カバー

NEEWER

1 x 取扱説明書

Image: Contents of the NEEWER CB200B PRO LED Video Light package, including the light unit, reflector, power cable, and manual.

- 1 x NEEWER CB200B PRO LED Video Light
- 1 x Standard Reflector
- 1 x Protective Cover
- 1 x Power Adapter
- 1 x Power Cord (JP plug)
- 1 x User Manual

PRODUCT OVERVIEW



Image: Front view of the NEEWER CB200B PRO LED Video Light with the standard reflector attached, highlighting its powerful COB LED.

The NEEWER CB200B PRO is a 210W bi-color COB LED video light designed for professional use. It features a robust all-metal construction, an advanced cooling system, and multiple control options.

Key Features:

- **High Output & Color Accuracy:** 210W COB LED with 90,000 Lux at 1 meter (with reflector) and CRI/TLCI 97+ for accurate color reproduction.
- **Bi-Color Temperature:** Adjustable color temperature from 2700K to 6500K.
- **Dimming:** 0-100% stepless brightness adjustment.
- **Control Methods:** On-board panel, NEEWER App, and 2.4G wireless remote control.
- **Special Effects:** 12 built-in scene effects for creative lighting.
- **Cooling System:** Ultra-quiet fan with real-time temperature display and overheat protection.
- **Mounting:** Standard Bowens mount for various light modifiers and a 360° rotatable U-shaped bracket.

1. Mounting the Light:

Attach the CB200B PRO to a sturdy light stand using the U-shaped bracket. Ensure the bracket is tightened securely to prevent accidental movement or falling. The U-shaped bracket allows for 360° rotation and tilt adjustment.



Image: Detail of the U-shaped bracket allowing 360-degree rotation and tilt adjustment for the light.

2. Attaching the Reflector:

Remove the protective cover from the COB LED. Align the standard reflector with the Bowens mount on the front of the light. Rotate the reflector clockwise until it clicks into place, ensuring it is firmly attached.

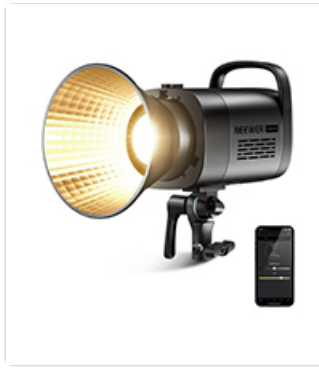


Image: Close-up of the Bowens mount on the NEEWER CB200B PRO, indicating where accessories like reflectors or softboxes attach.

3. **Power Connection:**

Connect the power adapter to the light's power input port. Then, connect the power cord to the adapter and plug it into a suitable power outlet (AC 100-240V, 50/60Hz).

OPERATING INSTRUCTIONS

1. On-Board Panel Control



Image: The control panel of the NEEWER CB200B PRO LED Video Light, showing the display and control knobs/buttons.

1. **Power On/Off:** Press the power button to turn the light on or off.
2. **Brightness Adjustment:** Rotate the 'SET' dial to adjust the brightness from 0% to 100%.
3. **Color Temperature Adjustment:** Press the 'SET' dial to switch to color temperature adjustment mode. Rotate the dial to change the color temperature from 2700K (warm) to 6500K (cool).
4. **Scene Effects:** Press the 'SCENE' button to cycle through 12 special lighting effects. Rotate the 'SET' dial to adjust parameters for each effect.
5. **Fan Mode:** Press the 'FAN MODE' button to switch between different fan modes (e.g., Silent Mode, Booster Mode).
 - **Silent Mode:** Reduces power to 60W (30,000 Lux at 1m) and stops the fan for noise-sensitive environments.
 - **Booster Mode:** Provides maximum output of 210W (90,000 Lux at 1m) with active fan cooling.



ワンタッチ静音モード

ファンモードボタンを押すだけで、
ファンのON/OFFを即時切り替え。
ファンOFF時は消費電力が60Wに低下し、
最大照度は29,900 lux (1m距離) となります。

-  自動モード
-  高速モード
-  静音モード

Image: The fan mode button on the NEEWER CB200B PRO, illustrating the silent mode feature for quiet operation.

2. NEEWER App Control

The NEEWER CB200B PRO can be controlled wirelessly via the dedicated NEEWER App on your smartphone (iOS/Android). This allows for convenient remote adjustments of brightness, color temperature, and special effects.

- Download App:** Search for 'NEEWER' in your device's app store and install the application.
- Pairing:** Turn on the CB200B PRO. Open the NEEWER App and follow the on-screen instructions to connect to your light via Bluetooth.
- Control:** Once connected, you can adjust all parameters, including brightness, color temperature, and scene effects, directly from your smartphone. The app also supports multi-light synchronization for compatible NEEWER lights (e.g., RGB1, RGB 1200, MS150C, MS150B, FS150B, FS150C, FS300C).

3. 2.4G Wireless Control

The light features a built-in 2.4G wireless system, allowing control with a compatible 2.4G remote control (sold separately) within a range of up to 20 meters.

- Set Channel:** On the light's control panel, set the 2.4G channel (CH00-CH99).

2. **Remote Pairing:** Ensure your 2.4G remote control is set to the same channel as the light.
3. **Operation:** Use the remote control to adjust brightness, color temperature, and other settings.

4. Special Scene Effects



Image: Visual representation of the 12 special scene effects available on the NEEWER CB200B PRO, including lightning, fire, and TV screen effects.

The CB200B PRO includes 12 dynamic lighting effects to enhance your video and photography projects. These can be accessed and adjusted via the control panel or the NEEWER App.

- Lightning
- Bad Bulb
- Explosion
- Welding
- CCT Flash

- Color Pulse
- Candlelight
- CCT Loop
- INT Loop
- TV Screen
- Fireworks
- And more...

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the light body. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use, store the light in a cool, dry place, preferably in its original packaging or a protective case. Ensure the protective cover is placed over the COB LED.
- **Ventilation:** Regularly check that the ventilation openings are free from dust and debris to ensure efficient cooling.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	No power connection.	Check if the power cord and adapter are securely connected and plugged into a working outlet.
Light output is low.	Silent Mode is active.	Switch to Booster Mode or adjust brightness settings.
App control not working.	Bluetooth not enabled or light not paired.	Ensure Bluetooth is enabled on your smartphone and the light is paired correctly in the NEEWER App.
Overheating warning.	Blocked ventilation or prolonged high-power use.	Ensure ventilation openings are clear. Reduce power output or allow the unit to cool down.

SPECIFICATIONS



Image: Diagram showing key specifications of the NEEWER CB200B PRO LED Video Light.

Feature	Detail
Model	CB200B PRO

Feature	Detail
Power Input	AC 100-240V, 50/60Hz
Maximum Power	210W
CRI	97+
TLCI	97+
Maximum Illuminance	Booster Mode: 90,000 lux/1m Silent Mode: 29,900 lux/1m
Brightness Range	0-100%
Color Temperature Range	2700K-6500K
Scene Modes	12
Channel Range (2.4G)	CH.0-CH.99
Dimensions	52 x 24 x 22.9 cm
Weight	6.15 kg

WARRANTY AND SUPPORT

NEEWER products come with a standard warranty. For detailed warranty information, please refer to the warranty card included in your package or visit the official NEEWER website. If you encounter any issues or have questions regarding your CB200B PRO LED Video Light, please contact NEEWER customer support. Contact information can be found on our website or in the included user manual.

Official NEEWER Website: www.neewer.com

